

J. H. WILLIAMS & Co.

NEW YORK, N. Y.

Sales and General Offices—75-77 Spring St.

Works and District Warehouse
Buffalo, N. Y.

WILLIAMS

SUPERIOR DROP-FORGED TOOLS

District Warehouse
117 N. Jefferson St., Chicago

VULCAN SUPERIOR PIPE AND FITTINGS TONGS

Each Flat Chain is proof-tested and is CERTIFIED;
safety for the operator is assured.

A UNIVERSAL Service Tongs for both
pipe and fittings—TWO tools in ONE.

"Vulcan Superior" Tongs take
EITHER Flat Chain, or Cable
Chain.

"V" Recess in the jaws as-
sures quick and positive grip
on fittings.

The ONLY Chain Tongs with RE-
VERSIBLE pipe and fittings jaws—
DOUBLE Service.

WILLIAMS' "Vulcan Superior" are the handiest Tongs made. Pipefitters will appre-
ciate their convenience and economy.

Convenience: Since they serve BOTH pipe and fittings, two tools as commonly used (one for pipe
and one for fittings) are unnecessary.

Economy: Their REVERSIBLE jaws give double life. When the teeth first in use wear, simply unscrew the bolt and
turn the jaws end-for-end.

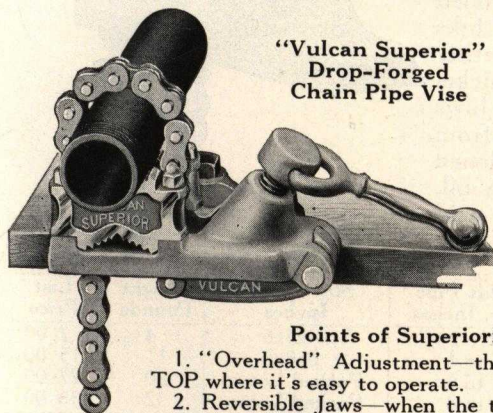
The "V" Recess in the jaws, combined with their general design, gives "Vulcan Superior" a greater number of grips or
"bites," both on pipe and fittings, than ordinary tongs. One-spot wear on the teeth is prevented and ease in operation provided.

Fully guaranteed. All parts interchangeable.

Number	0	1	2	3	3½	4	5
For Pipe and Fittings, inches.....	1/8 to 3/4	1/8 to 1½	1/4 to 2½	3/4 to 4	1 to 6	1½ to 8	2 to 12
Extreme Length.....	13 3/4	20	27	37	44½	50½	64½
Weight, pounds.....	2	5½	10	17	26	34	54
Flat Link Chain							
Breaking strain, pounds.....	3,600	6,700	9,800	12,500	14,300	15,700	21,800
Cable Chain							
Breaking strain, pounds.....	1,800	6,000	9,000	12,500	14,300	15,700	21,800
Price, Complete.....	\$5.00	\$7.00	\$10.00	\$14.00	\$18.00	\$22.00	\$36.00
Extra Chain.....	1.50	2.00	3.00	5.00	7.00	9.00	15.00
*Extra Jaws, per pair.....	2.00	3.50	5.50	8.00	9.50	11.00	15.00
Extra Bolt and Nut, per set.....	.28	.36	.46	.60	.70	.90	1.30

*Extra Jaws supplied in pairs unless otherwise called for. If only a single jaw is wanted, specify Right or Left.

Williams' "Vulcan" Drop-Forged Chain Pipe Vises



"Vulcan Superior"
Drop-Forged
Chain Pipe Vise

"Vulcan"
Drop-Forged
Chain Pipe Vise



THE ORIGINAL
CHAIN PIPE VISE

Points of Superiority

1. "Overhead" Adjustment—the handle is ON
TOP where it's easy to operate.

2. Reversible Jaws—when the teeth first in use
wear, remove the screws and turn the jaws over.

3. Larger Capacity—each vise takes pipe 1/2-inch larger than
other chain pipe vises of similar size.

Two styles of finish: Chrome-plated and standard with orange
panel in jaws.

Wholly made from tough wrought steel. Fully guaranteed.
Packed one in a box for shelving.

These vises are made entirely of tough wrought
steel—no castings are used. DROP-FORGED
base, handle and jaws, with teeth saw-tempered
for file sharpening. The chains are of the same
quality as those of our "Vulcan" Tongs.

Standard finish, with orange panel in jaws.

Unbreakable, light, compact, rapid in action, positive in grip.
Fully guaranteed. Packed one in a box for shelving.

No.	For Pipe Sizes	Weight Each Pounds	Prices, Vises and Extra Parts					
			Jaws, Pair		Chain Without Chain Arm		VISE, Complete	
			Std. Finish	Chrome Plated	Standard	Plated	Standard Finish	Chrome- Plated
11	1/8 to 2½	7	\$3.30	\$4.00	\$2.00	\$2.20	\$10.00	\$12.00
12	1/4 to 4½	15	7.70	9.00	3.60	4.00	19.00	22.00

No.	For Pipe Sizes	Weight Each Pounds	Price, Vise and Extra Parts					
			Jaws Pair	Chain with Screw	Screw	Handle and Nut	Nut	Vise Com- plete
1	1/8 to 2	4	\$ 3.00	\$ 2.50	\$0.80	\$2.20	\$1.40	\$ 7.00
2	1/4 to 4	10	7.00	4.80	1.40	4.20	2.70	15.00
3	1/2 to 6	18	12.00	9.00	2.50	7.00	4.00	27.00
4	3/2 to 8	30	18.00	12.00	2.50	7.00	4.00	36.00